



# NITFS Compliance Registration



**Product:** IKONOS CRSS POC and ROC H/W Architecture  
employing CIPCSC software version 4.2.59

**Sponsor:** GeoEye

**Developer:** Raytheon

**Date:** 14 September 2007

**Expiration:** 13 September 2009

**Registration #:** 136

- ☐ Initial Registration  
☒ Supplemental/Update # 127  
☐ Derived from Reg. #

☒ **System**  
N-0105/98, §4.1.1

☐ **Product**  
N-0105/98, §4.1.2

☐ **Component**  
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
		3		5	6	7	
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

## Configurations Tested:

- SGI (IRIX and LINUX)
- CIPCSC software version 4.2.59

## NITFS Features Implemented:

### Format

- NITF**  
☐ V2.1  
☒ V2.0  
☐ V1.1

- NSIF**  
☐ V1.0

### Pixel Value Types

- ☐ Boolean  
☒ Integer  
☐ Signed Integer \*  
☐ IEEE Real \*  
☐ IEEE Complex \*

### Annotation Segment Types

- ☐ Bit Mapped \*\*  
☐ CGM, 2301  
☐ CGM, 2301A  
☐ Labels \*\*

### Text Segments

- ☒ STA  
☐ UT1  
☐ U8S  
☐ MTF

### Image Segment Types

- ☒ MONO  
☒ RGB  
☐ RGB/LUT  
☐ YCbCr  
☐ MULTI  
☐ NODISPLY  
☐ POLAR

### Image Compression

- ☒ Not Compressed  
☐ JPEG Lossy, 8-bit  
☐ JPEG Lossy, 12-bit  
☐ JPEG Downsampling  
☐ JPEG Lossless  
☐ JPEG 2000  
☐ Bi-Level  
☐ Vector Quantization

### Data Extension Segments

- ☐ TRE\_OVERFLOW  
☐ STREAMING\_FILE\_HEADER  
☐ Controlled Extensions \*\*  
☐ Registered Extensions \*\*

### Tagged Record Extensions

- ☒ PIAIMC  
☒ RPC00B  
☒ STDIDC  
☒ USE00A  
☒ STREOB

## Legend

- Interpret  
Gen  
☒ Fully implemented  
☒ Partially implemented  
☐ Not implemented

*Curtis L. Green, Lt Col, USAF*

CURTIS L. GREEN, Lt Col, USAF, Division Chief

Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.